



FEMA



Prepared by
David Sánchez

FEMA Region 6 Weather Threat Briefing

Friday, April 12, 2019

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.

Summary of the Upcoming Week



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Today

- Slight risk of severe thunderstorms across west-central and north-central TX late tonight/early Saturday morning. Large hail and a few damaging wind gusts are possible.
- Elevated to critical fire weather conditions continue across W TX and SE NM.

Saturday

- Severe thunderstorms expected across LA, E TX and most of AR. Damaging winds, large hail and strong tornadoes are all possible.
- Heavy rainfall/isolated flash flooding is possible across AR, LA, OK and NE TX.
- Snow/sleet mix possible across NE NM/NW OK/TX Panhandle. No travel impacts expected.

Sunday

- Strong to severe thunderstorms possible across SE LA.

Monday - Tuesday

- No significant weather impacts expected.

River Flooding

- Moderate to Major river flooding will continue on the Mississippi River in E/SE LA.
 - Impacts to shipping and industrial activities on the river, numerous flooded roadways near the river.
 - Current forecasts show levels will continue to fall into next week. However, current forecasts do not account for any additional rainfall beyond 24 hours or any flooding from the upstream portions of the MS River.
- Minor flooding with a few sites reaching moderate flood possible across NE TX this weekend into next week.

FEMA Region 6 Threat Matrix

Apr 12, 2019 – Apr 16, 2019



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DAY / THREAT	FRI	SAT	SUN	MON	TUE
Severe Storms	W and N Central TX	NETX/S AR/N LA	SE LA		
		ETX/AR/LA			
Heavy Rain / Flash Flooding		N LA/AR/NETX			
Winter Weather		NE NM/NW OK TX Panhandle			
Fire Weather	TX Big Bend				
	W TX/SE NM				
River Flooding	E/SE LA	E/SE LA	E/SE LA	E/SE LA	E/SE LA
			NETX	NETX	NETX

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

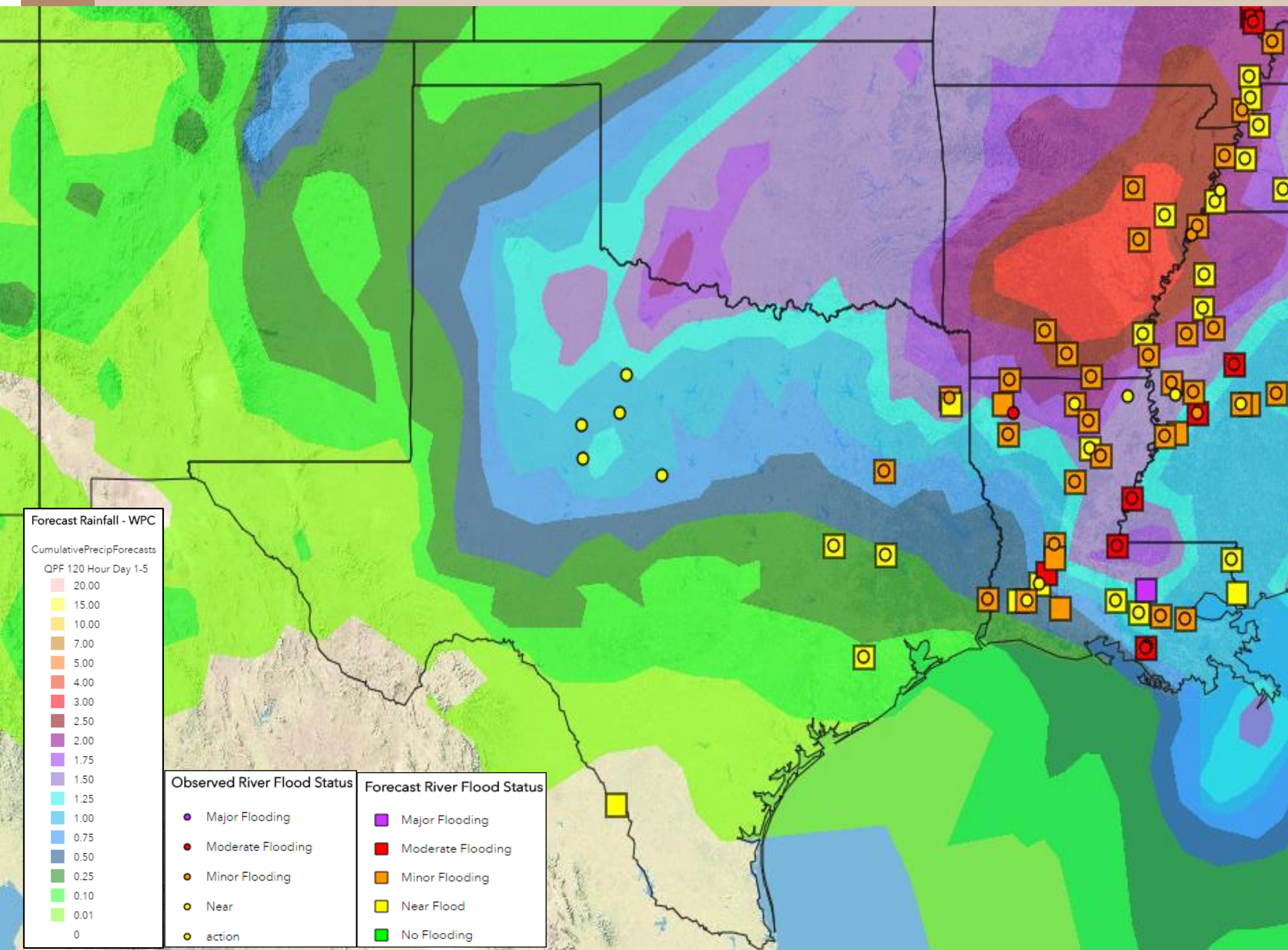
**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



Moderate to Major river flooding will continue on the Mississippi River in E/SE LA.

- **MS River at Baton Rouge is at Major flood. Current forecasts have levels dropping into Moderate flood next week. Shipping and industrial activities are significantly affected.**
- **Several other points remain at moderate flood.**
- **The Bonnet Carre Spillway is operating to reduce flow and maintain just under a 17.0ft stage at New Orleans. It will remain open for a couple of more weeks. No impacts are noted.**
- **Heavy rain over most of LA on Saturday has the potential to cause additional flooding.**

Minor river flooding will continue for much of this week on the MS River in E AR.

Note: Current forecasts do not account for any additional rainfall beyond 24 hours or any additional flooding from the upstream portions of the Mississippi River.

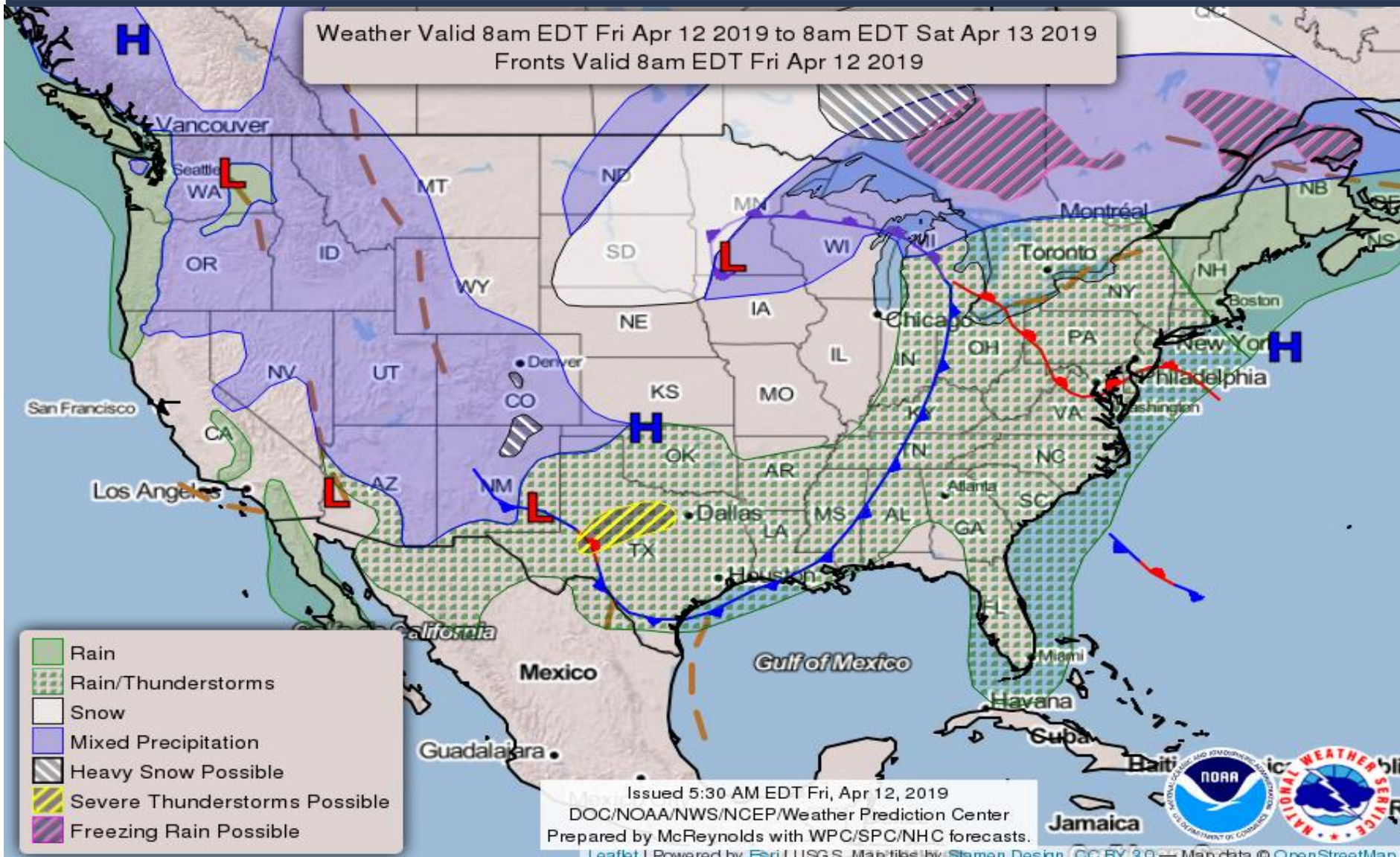
Minor to possibly moderate flooding possible across NETX this weekend into next week.

Today's Weather

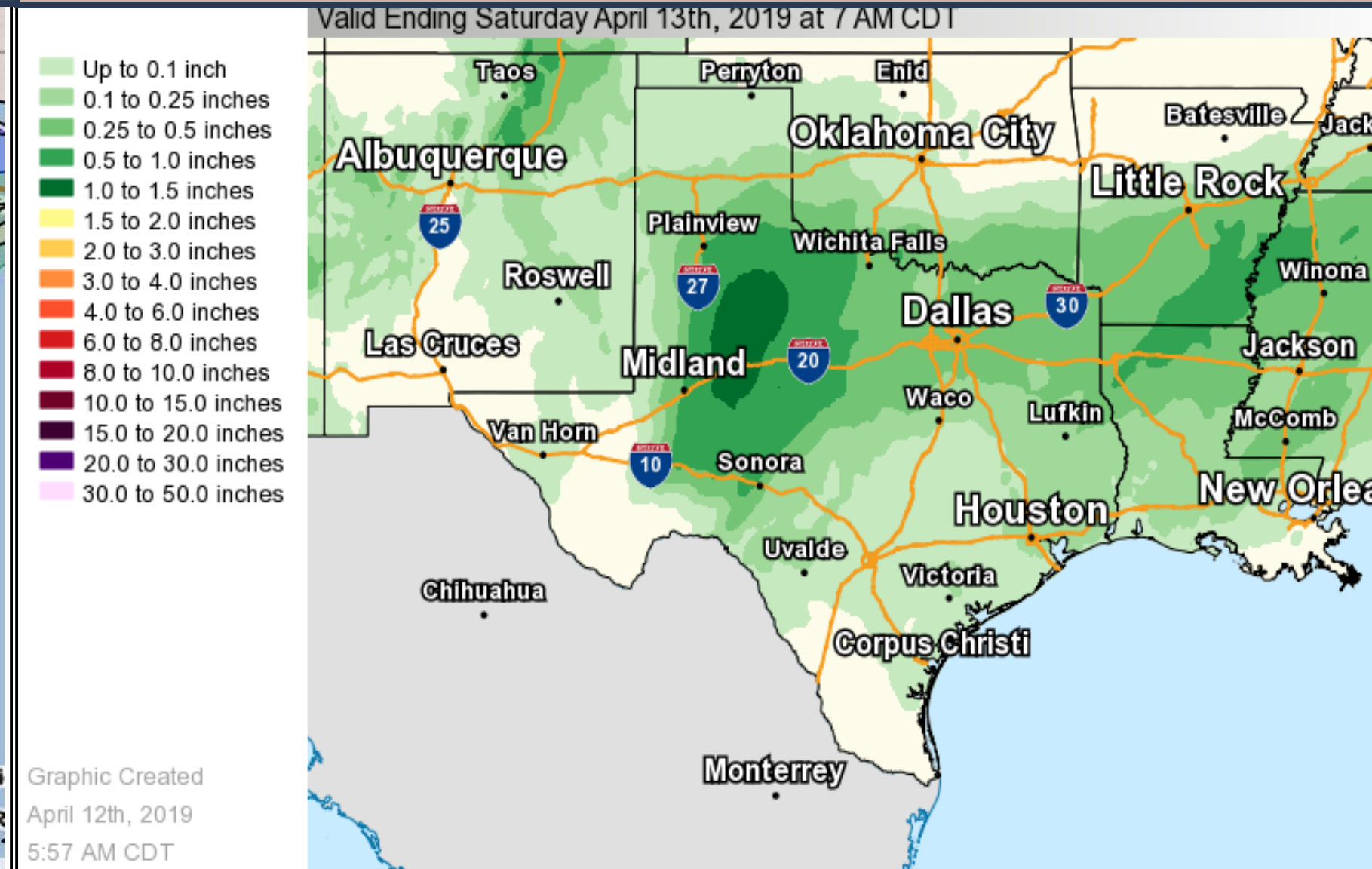


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Forecast Chart

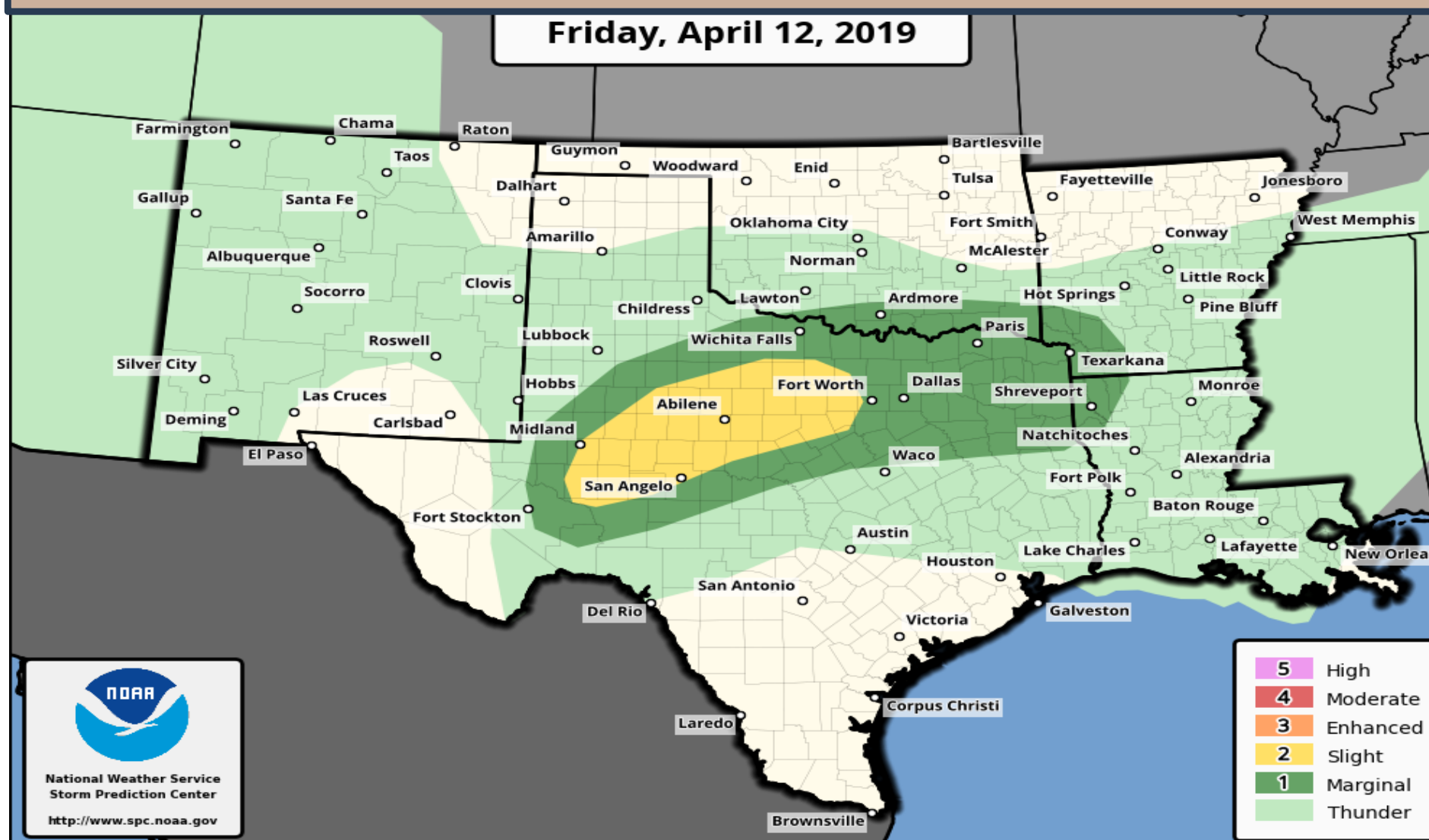


Forecast Rainfall



Severe thunderstorms possible late tonight across west-central and north-central TX.

Severe Weather Outlook



Excessive Rainfall Outlook



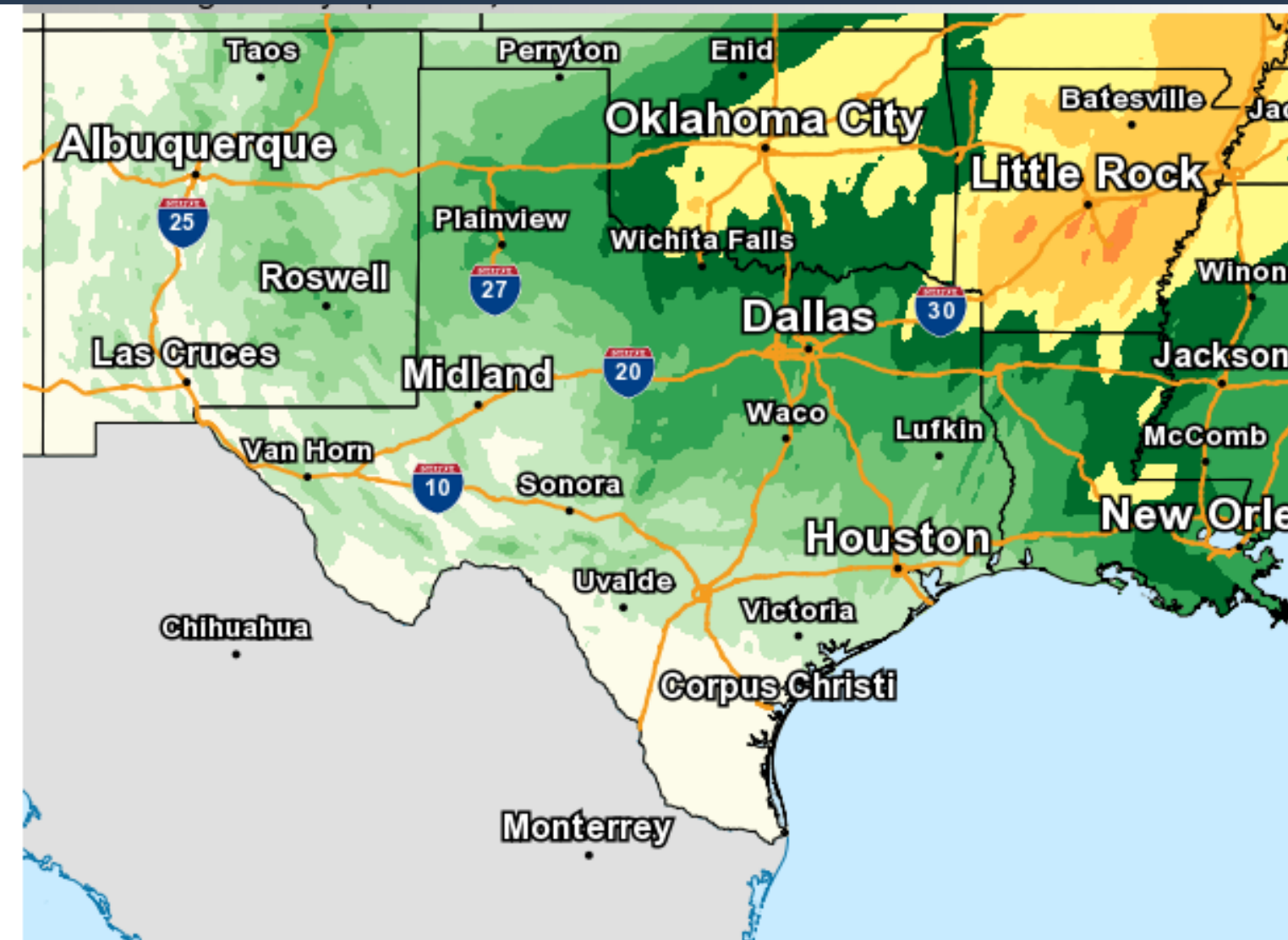
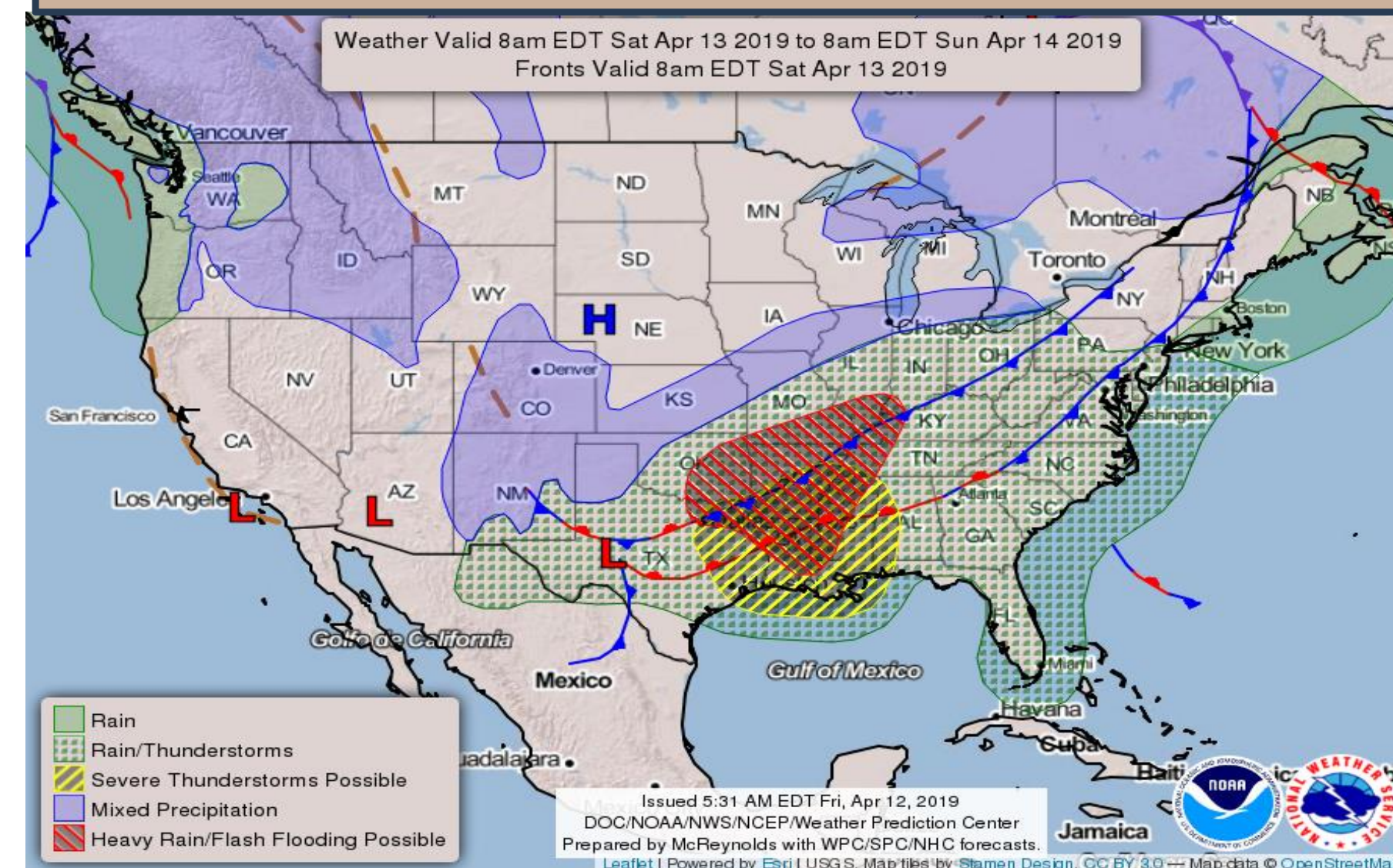
Tomorrow's Weather



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Forecast Chart

Forecast Rainfall



Graphic Created
April 12th, 2019
5:59 AM CDT

Severe thunderstorms are expected across NE TX, N LA and S AR.

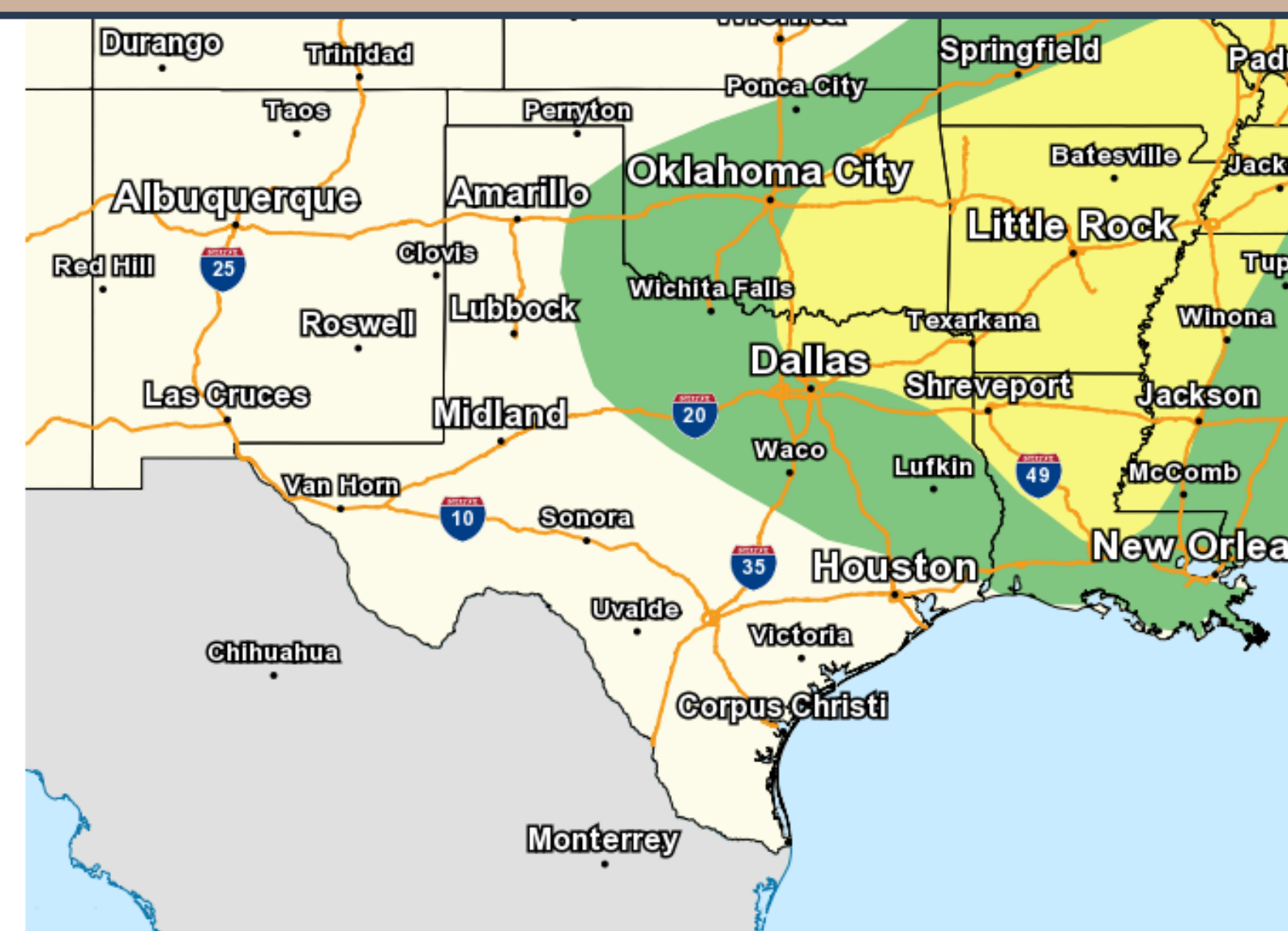
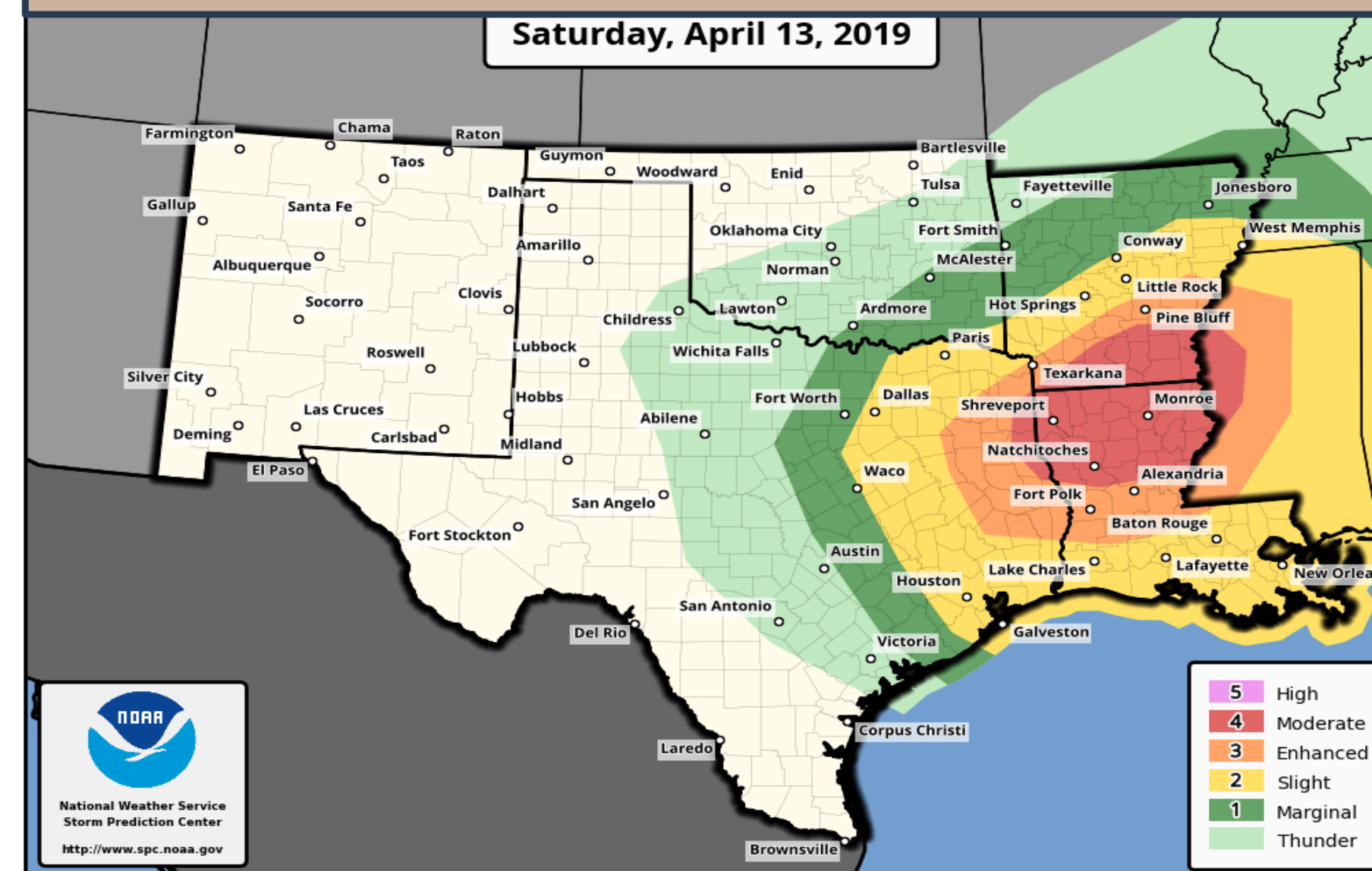
Severe thunderstorms are possible across the rest of E TX, LA and AR.

Heavy rainfall/isolated flash flooding possible over AR, LA, OK, and NE TX.

Snow/Sleet through Saturday morning across NE NM/NW OK/TX Panhandle.

Severe Weather Outlook

Excessive Rainfall Outlook



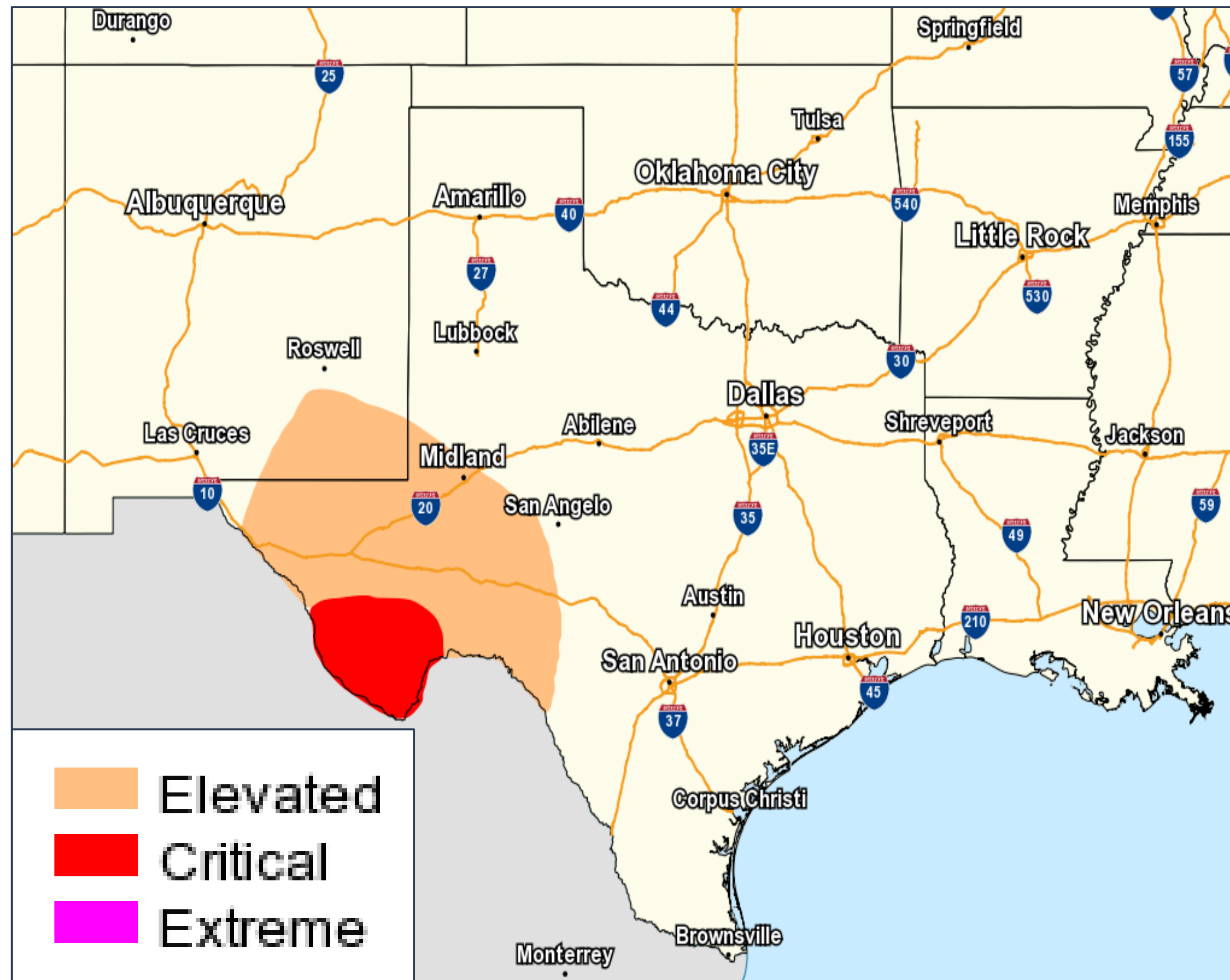
Graphic Created
April 12th, 2019
AM CDT

Fire Weather Outlooks

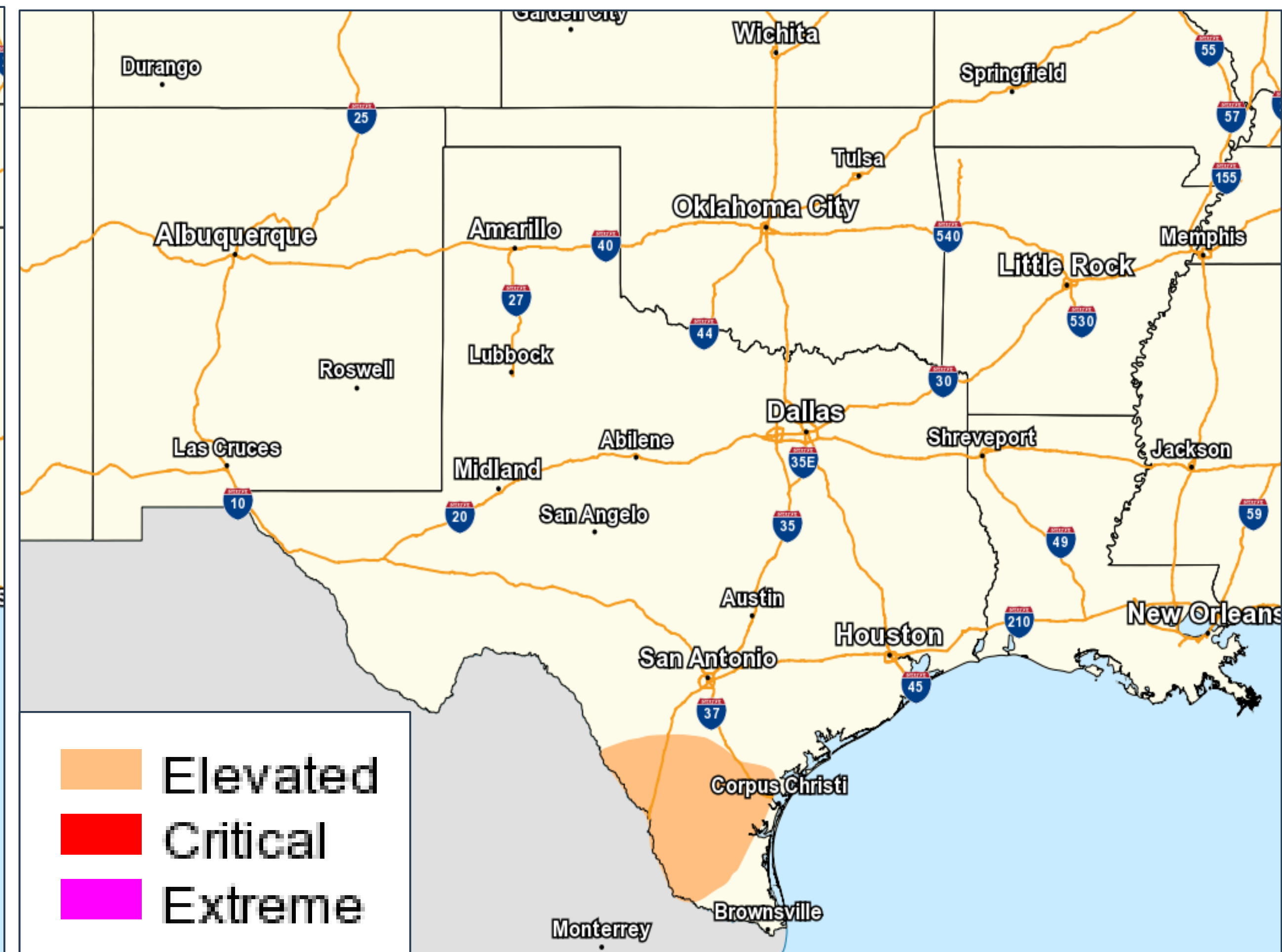


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Today's Fire Weather Outlook

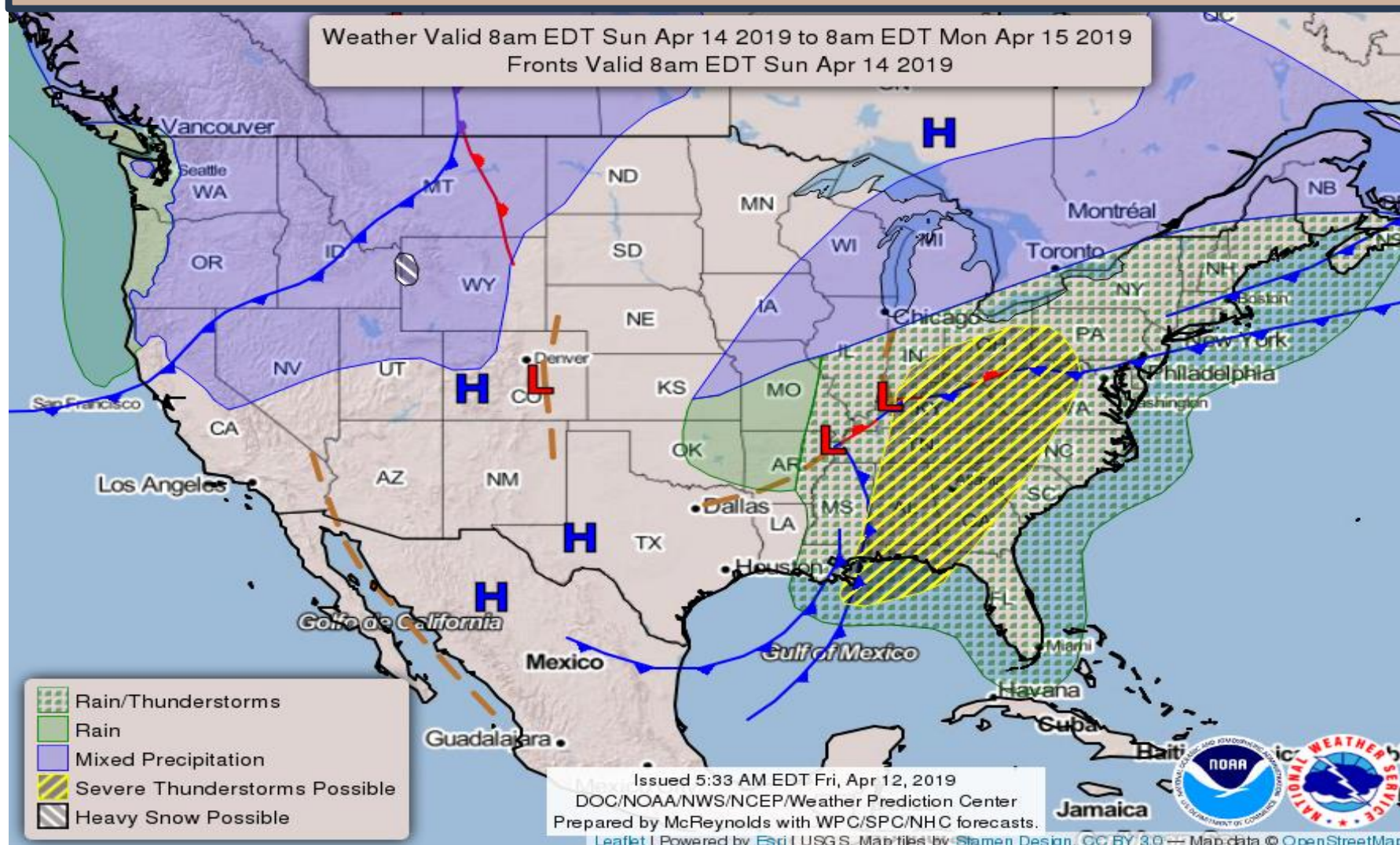


Tomorrow's Fire Weather Outlook

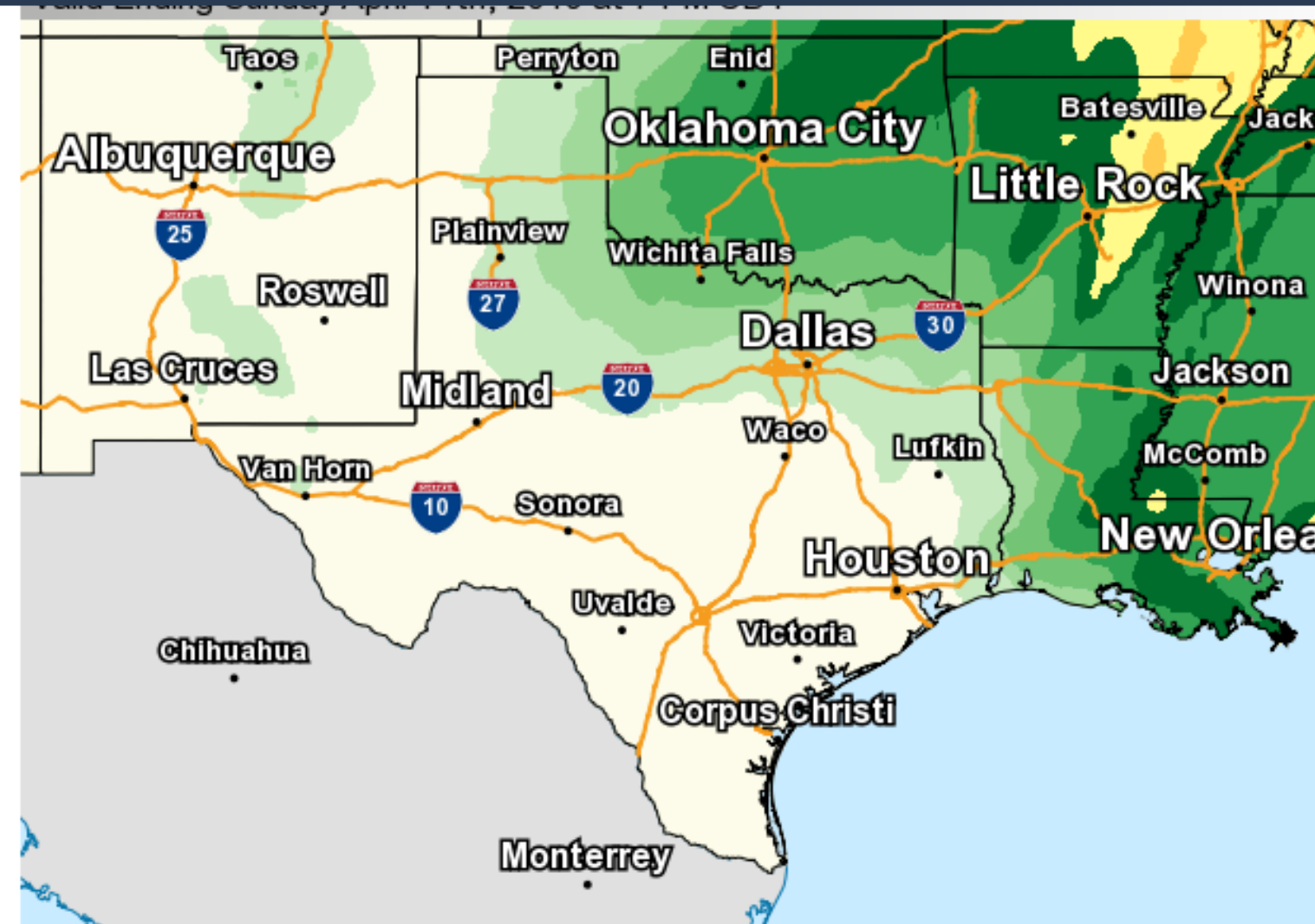
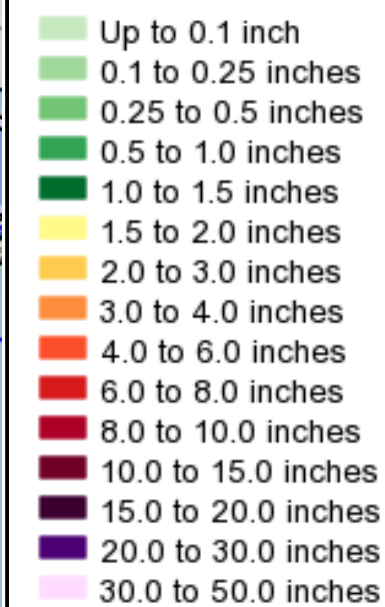


Sunday's Weather

Forecast Chart



Forecast Rainfall



Graphic Created
April 11th, 2019

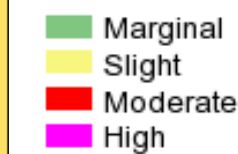
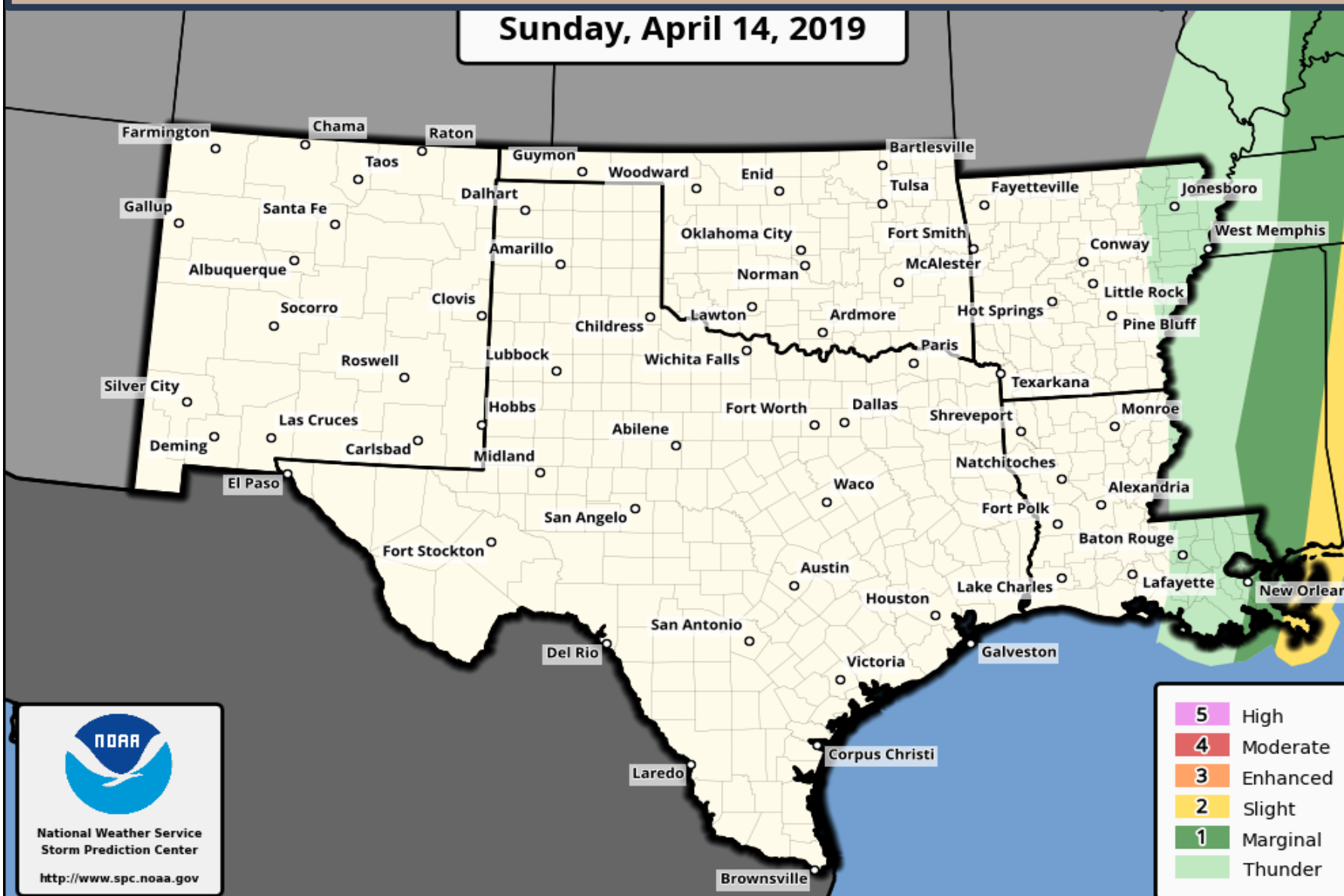


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**Strong to severe
thunderstorms
possible across SE LA.**

Severe Weather Outlook

Sunday, April 14, 2019



Graphic Created
April 12th, 2019
4:00 AM CDT

Excessive Rainfall Outlook

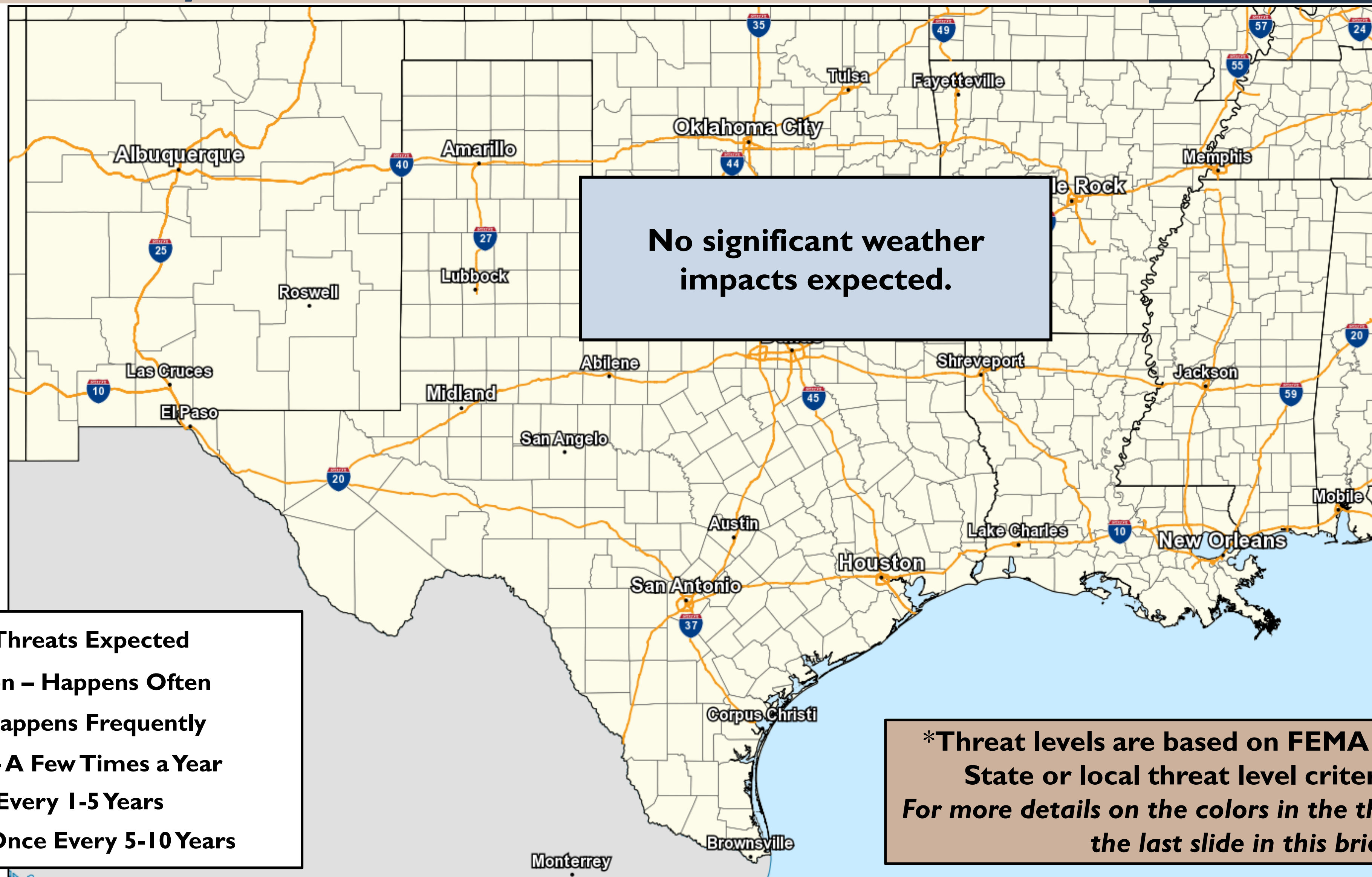


Days 4-5 Weather Hazards

Monday – Tuesday



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- No Weather Threats Expected
- Very Common – Happens Often
- Common – Happens Frequently
- Uncommon – A Few Times a Year
- Rare – Once Every 1-5 Years
- Very Rare – Once Every 5-10 Years

***Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.***
*For more details on the colors in the threat matrix refer to
the last slide in this briefing.*

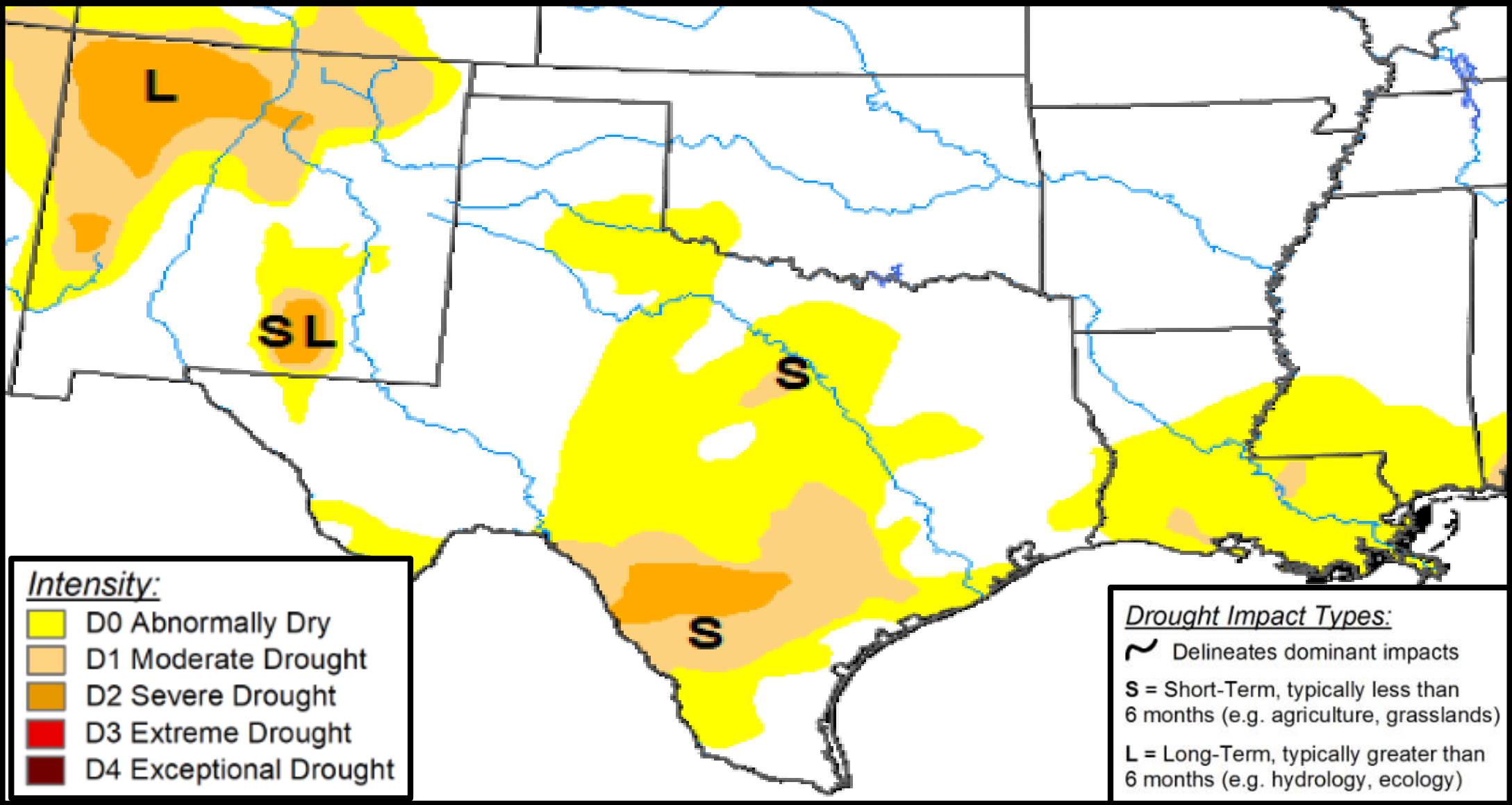
Drought Monitor (Released April 11, 2019)



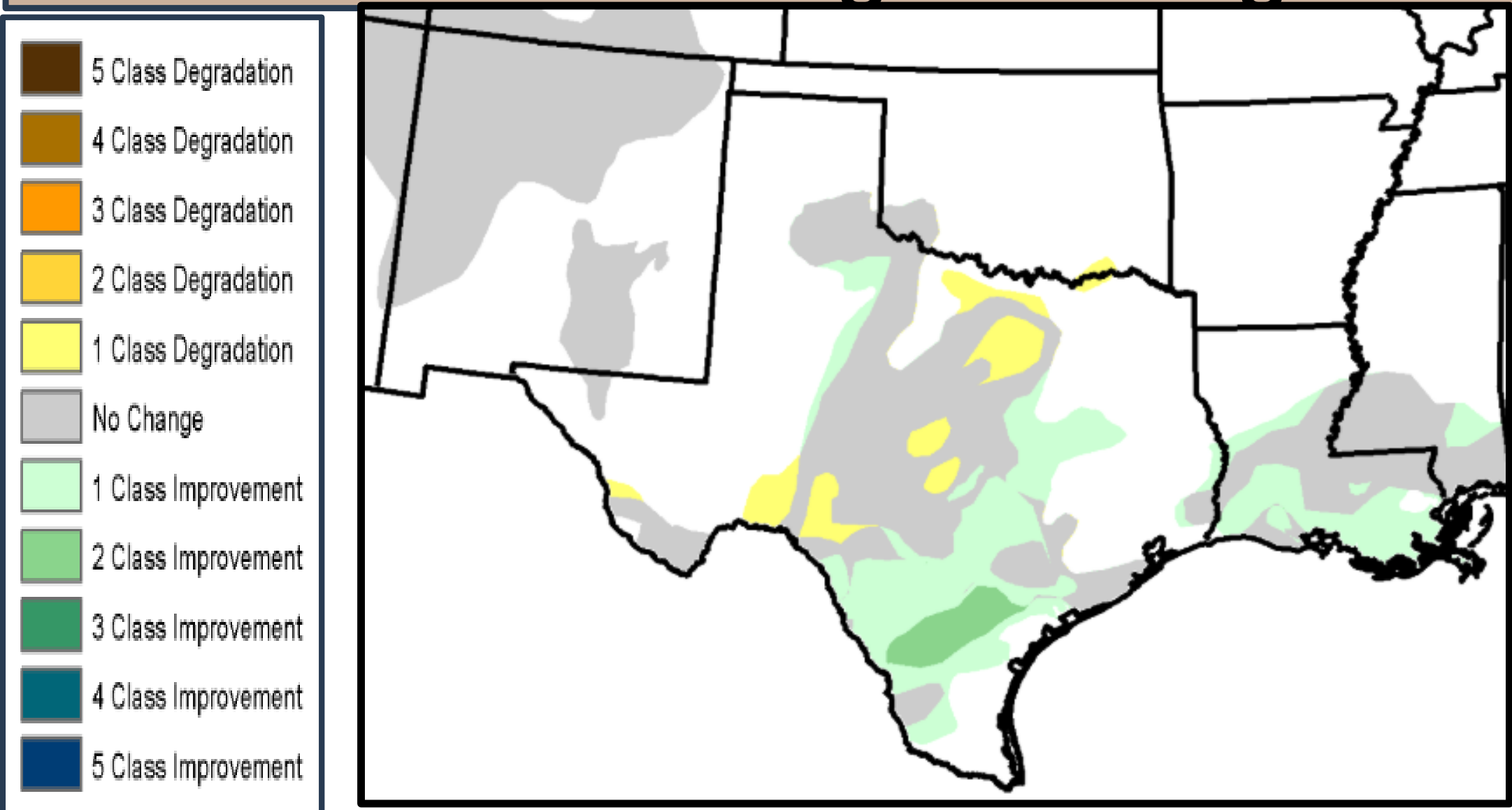
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Data valid as of 7am EST, Tuesday, April 9, 2019

Drought Monitor



One Week Change in Drought



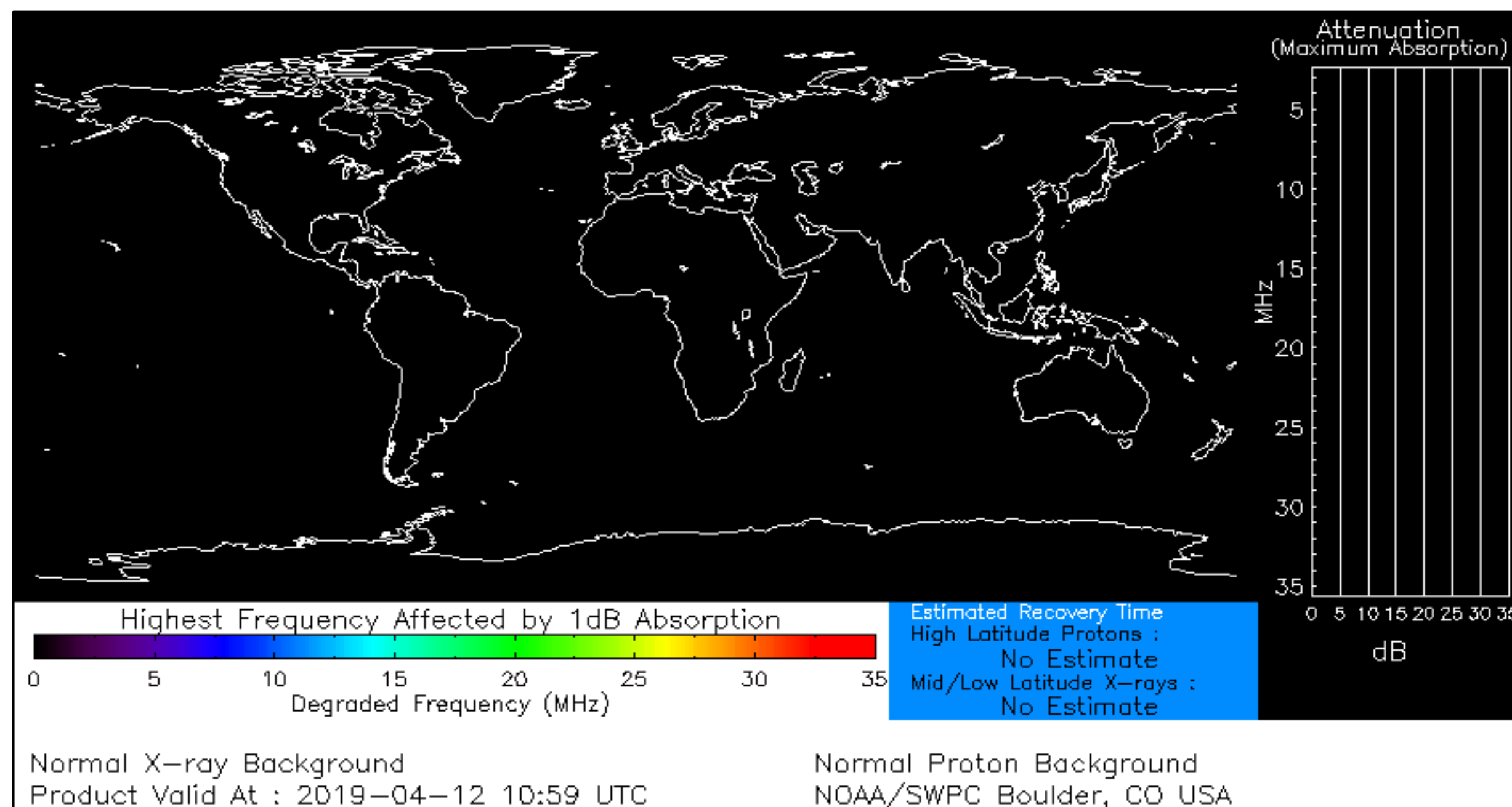
Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)				
State	Current	Last Week	3 Months Ago	1 Year Ago
Arkansas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%
New Mexico	0.00%	0.00%	19.67%	45.92%
Oklahoma	0.00%	0.00%	0.00%	34.85%
Texas	0.00%	0.00%	0.00%	13.21%

Space Weather 3-Day Forecast



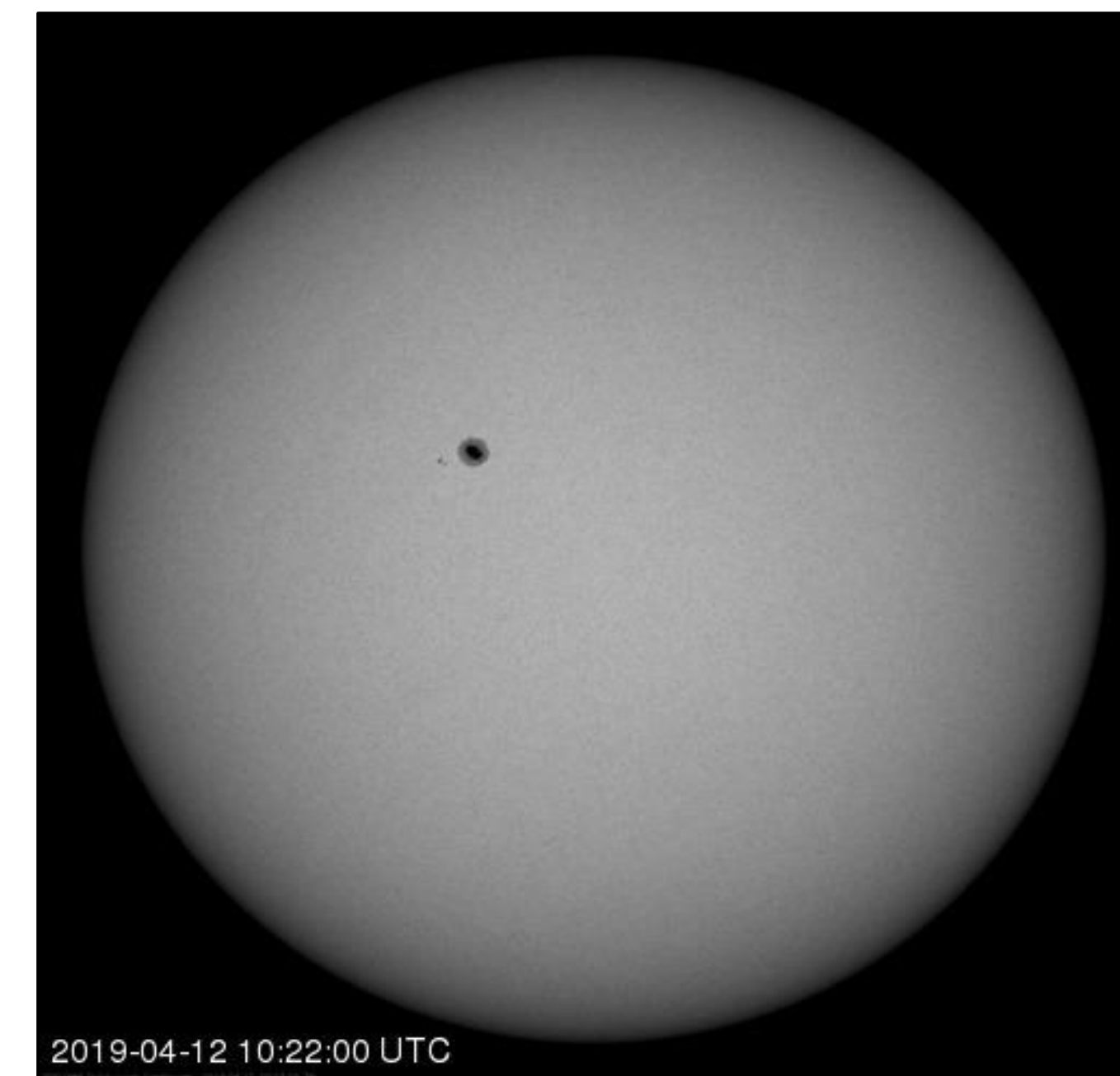
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	Friday	Saturday	Sunday
Geomagnetic Storms	Unsettled (Max Kp = 3)	Unsettled to Active (Max Kp = 4)	Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





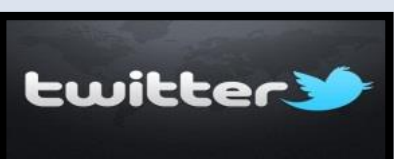
For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov